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The **FEMP MONTHLY UPDATE** is prepared expressly for the Department of Energy's Office of Federal Energy Management Programs (FEMP). The purpose of the **UPDATE** is to provide FEMP management staff with timely information on topics relevant to the program. This includes the status of pending Federal and state legislation and summaries of public and private sector energy-related activities. The **FEMP MONTHLY UPDATE** is prepared for FEMP by Energetics, Incorporated, (202) 479-2748.

## DOE BULLETIN BOARD

### ***DON'T FORGET!***

Energy 2003 is August 17 - 20 in Lake Buena Vista, Florida! Go to the Energy 2003 web page at [www.energy2003.ee.doe.gov](http://www.energy2003.ee.doe.gov) to register.

*Short Term Energy Outlook, Energy Information Administration (EIA), July 2003.*

The natural gas market increased in June by a record 487 billion cubic feet, thus reducing the storage-level deficit from 28 percent in May to 16 percent at the end of June, relative to the five-year average. Storage-levels increased due to reduced demand with a cool summer. Canada's pipeline gas has declined slightly for the year, but imports of liquefied natural gas are expected to increase.

Due to OECD oil inventories remaining low, the West Texas Intermediate price of crude oil increased by about \$2.50 per barrel from May's average. Crude oil price is forecasted to remain constant until commercial inventories rise, allowing prices to decline. Alaska is expected to account for 16.4 percent of the nation's oil production in 2004. Since May, Saudi Arabia has reduced production by 0.7 million barrels per day. Iraqi production continues to be limited to below pre-war levels. Russia predicts growth of 700,000 million barrels per day, adding to a total non-OPEC production of 1.1 million barrels per day in 2003-2004.

California's motor gasoline prices remain higher than the rest of the nation with regular gas costing 29 cents per gallon above the national average at \$1.78.

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### **DID YOU KNOW?**

Secretary of Energy Spencer Abraham will expand the scope of DOE's Natural Gas Summit held in June, to discuss, in a second forum to convene later this year, long-term supply issues, including liquefied natural gas (LNG) imports to the U.S. The first summit (held in Atlanta) addressed domestic short-term solutions to the domestic natural gas shortage. The Global Liquefied Natural Gas Summit will assess global LNG markets and resources, export and import terminal facilities, and

## **CONGRESSIONAL ACTIVITIES**

### **CONGRESSIONAL SCHEDULE**

The House recessed last Friday and the Senate is scheduled to begin its annual summer recess on August 4, which will extend through the Labor Day Holiday weekend.

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### **STATUS OF PENDING APPROPRIATION BILLS OF INTEREST TO FEMP**

- Refer to [Attachment A](#), Status of FY04 Appropriations Bills
- Refer to [www.eere.energy.gov/femp/resources/initiatives.html](http://www.eere.energy.gov/femp/resources/initiatives.html). The detailed bill summary chart will be updated on a weekly basis while Congress is in session and working on FY 2004 appropriations.

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### **STATUS OF PENDING AUTHORIZATION BILLS OF INTEREST TO FEMP**

- Refer to [www.eere.energy.gov/femp/resources/initiatives.html](http://www.eere.energy.gov/femp/resources/initiatives.html) – Legislative Databases

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### **HOUSE**

#### **Hearings**

***Natural Gas Task Force*** On July 21, an 18-member organizational meeting of the Congressional Task Force For Affordable Natural Gas, co-chaired by Billy Tauzin (R/AL) and Richard Pombo (R/CA), convened to discuss their plans to draft a report citing reasons for gas supply shortages and recommendations

proposed LNG projects. Secretary Abraham said, "The Global LNG Summit will provide another forum through which we can examine additional options to increase our liquefied natural gas supplies. We must focus on smart uses of energy, along with using our natural gas resources to our own best benefit and expanding those resources to better meet our energy needs." Three LNG import terminals exist in the U.S. and are located in Everett, Massachusetts; Elba Island, Georgia; and Lake Charles, Louisiana; another at Cove Point, Maryland, will reopen by mid-September. New England states rely on LNG to support 40 percent of their energy supply during peak winter periods. Secretary Abraham has commissioned the National Petroleum Council to conduct a study of natural gas use in the U.S. during the 21<sup>st</sup> century.

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for mitigating price increases in the short run. Mr. Tauzin said, "This task force ... is not out to dictate solutions." The report, to be drafted during the August Congressional recess, will be sent to Speaker Dennis Hastert (R/IL), by September 30 of this year. The speaker may use the recommendations in a pending House and Senate conference committee on energy. Some members of the task force voiced their opposition to Federal Reserve Chairman Alan Greenspan's previous Congressional testimony in support of liquefied natural gas imports, and for stating that there are no short-term solutions to ease the supply and demand inequity. (See June 16 and July 15 issues of *INSIGHTS* at [www.eere.energy.gov/femp/resources/insights.html](http://www.eere.energy.gov/femp/resources/insights.html)). Steve Pearce (R/NM) said, "I

think Alan Greenspan is exactly wrong."

## Legislation

*No information of interest to report.*

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## SENATE

***DOE Smart Energy Campaign*** Jeff Bingaman (D/NM), Ranking Member of the Committee on Energy and Natural Resources, released a statement on July 9, 2003, commending DOE's Smart Energy Campaign and public awareness tour led by the DOE Secretary Spencer Abraham. He said, "It's a terrific idea - an awareness campaign to educate consumers, homeowners, and business owners on 'smart' energy uses... The Secretary's decision to focus more attention and resources on efficiency and conservation as a way to lessen disruptions in gas markets is the right idea at the right time." Mr. Bingaman believes that the success of the Smart Energy Campaign is due, in part, to suggestions submitted by him and 29 other Senators in a letter to the Secretary dated May 27. The letter suggested that DOE draw participants for the Natural Gas Summit from a wide constituency of regulators, consumers, and state and local energy experts. According to Mr. Bingaman "...Secretary Abraham agreed fully with our suggestions... the Natural Gas Summit last month resulted in a number of helpful ideas, some of which are included in this new [Smart Energy] campaign." (See related article under "Department of Energy.")

## Hearings

*No new hearings or mark ups of interest to report.*

## Legislation

***S. 14 – Energy Policy Act of 2003*** Last week, Senator Pete Domenici (R/NM), Chairman of the Committee on Energy and Natural Resources, received a letter signed by 30 Democratic Senators urging the adoption of an amendment to "ban all forms of market manipulation and contain concrete penalties for those who break the rules." Their concern is in regard to the electricity title in *S. 14*. Without an agreement on this issue and related issues, the letter recommended deleting or significantly limiting provisions in the electricity title from *S. 14*, in order to pass a bill this year.

On Thursday (July 24), the Senate once again took up the bill by filing a number of amendments. Meanwhile, Chairman Domenici urged Senators to submit their remaining amendments as soon as possible in order to complete consideration of *S. 14* before the start of the annual August recess. Reportedly, up to 400 amendments may be filed this week for consideration and vote on the Senate floor. The House passed their version (*H.R. 6*) of comprehensive energy legislation earlier this year. Possible amendments include increasing the Corporate Average Fuel Economy Standards (CAFE). Last week, 12 amendments were approved by the Senate, which included a provision to commercialize hydrogen from renewable resources. [Before the Senate temporarily tabled the bill to take up other measures earlier this summer, Jeff Bingaman \(D/NM\) reportedly planned to submit an amendment on the Federal Government's use of Energy Savings Performance Contracts. No details are available on the text of the amendment regarding a possible extension or provision to make the use of contracts a permanent statute.](#)

This week, beginning on July 28, the Senate is expected to address a range of issues and amendments dealing with electricity utility restructuring, renewable portfolio standards, CAFE Standards, climate change, among other unrelated topics. It is unclear whether they will be able to complete work on the bill by Friday, August 1. However, Majority Leader Bill Frist (R/TN), is on record as saying he will keep the Senate in session during the planned recess in order to complete work on the bill.

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## HEARINGS OF INTEREST OF FEMP

- See [Attachment B](#) – Hearings of Interest to FEMP

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## CONGRESSIONAL BUDGET OFFICE (CBO)

***Long-Term Federal Spending Requirements*** Last week, Douglas Holtz-Eakin, the Director of the Congressional Budget Office testified before the House Committee on the Budget. In his remarks, he told the members that Federal spending over the long term will be strained, primarily due to Federal entitlement (nondiscretionary) commitments, such as Medicare and Medicaid and insurance programs, among other benefits. Discretionary budget demands such as national security and defense will also contribute to the demand for increased Federal spending. Committee chair, Jim Nussle (R/IA) said, “The spending decision Congress makes today will have real consequences for the future” and he urged lawmakers to consider this constraint when developing future funding plans for Federal programs.

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# **FEDERAL AGENCY** **ACTIVITIES**

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## DEPARTMENT OF ENERGY (DOE)

***Natural Gas Summit*** On July 8, Secretary Abraham announced the second Natural Gas Summit will be held later this year to address the global use of liquefied natural gas (LNG). The summit will provide the opportunity to examine alternate uses to increase the LNG supply and focus on long-term growth, market

opportunities, production and consumption needs in a global market. The first summit was held in Atlanta on July 18. Secretary Abraham told participants:

While we work to increase our production and storage capacity for natural gas, we must also focus on using our natural gas resources wisely. Individuals, businesses and government can play an important role in reducing energy use.

For more information refer to the Department of Energy's website at [www.energy.gov/engine/content.do](http://www.energy.gov/engine/content.do).

**DOE Smart Energy Campaign** On July 9, Secretary Abraham launched a Smart Energy Campaign, designed to educate consumers, homeowners, and business owners about ways to use energy wisely. According to the Energy Information Administration, heightened demand for natural gas this summer combined with heavy gas usage last winter has left very low levels of natural gas in storage. In the campaign, Secretary Abraham calls on "Individuals [to] play an important role in reducing energy use. Conserving energy in the home saves consumers money today while also helping ensure abundant supplies in the future." The campaign began with the launch of the [www.energysavers.gov](http://www.energysavers.gov) website, which lists ways to reduce energy use and conserve energy. Other initiatives in the campaign include:

- Public Awareness Tour – Beginning July 9, Secretary Abraham traveled to four cities to promote smart energy use around the country.
- Public Service Announcements – DOE provides audio broadcasts on [www.energysavers.gov](http://www.energysavers.gov) on how consumers can discourage wasteful habits and reduce energy use.
- Natural Gas Energy Summits – Participants discuss short-term natural gas supply solutions and identify ways to communicate energy savings ideas to consumers.
- Action Items for States – DOE will send a letter to governors with recommendations on how state governments can improve the natural gas situation.

**DOE State Energy Research Projects** The Department of Energy, in conjunction with the National Association of State Energy Organizations and the Association of State Energy Research and Technology Transfer Institutions, is offering \$2.6 million to states for energy efficiency projects. Proposals are due September 10, 2003. The solicitation can be viewed at [www.naseo.org/stac](http://www.naseo.org/stac).

**DOE Supports Hydrogen Fuel Cells** The Department of Energy will award \$75 million to support research of advanced fuel cells, as they apply to vehicles and buildings. Thirteen educational institutions and firms will accept the funds, addressing such problems as fuel cell component durability, platinum catalyst recycling, and fuel reformers.

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## ENVIRONMENTAL PROTECTION AGENCY (EPA)

**ENERGY STAR®** EPA's ENERGY STAR® is offering free Internet-based training sessions to show how to incorporate energy efficiency into an organization's budgeting process. The sessions include:

*Money for Your Energy Upgrades* – Participants will learn how to use operating budgets as a potential source of "revenue" to pay for energy efficiency projects.

*Purchasing and Procurement* – Participants will review: guidelines that define energy performance, procurement language for stipulating energy performance attributes to vendors, lists of ENERGY STAR® labeled products, and energy savings software that calculates the life cycle costs of ENERGY STAR® products compared to less efficient products.

*PC Power Management* – Participants will be introduced to a software tool that enables energy managers to monitor power use from a central location.



*The Five-Stage Approach to Building Upgrades* – Participants will learn the major steps in implementing energy upgrades including planning, benchmarking, and developing an energy usage baseline. The five-stage approach focuses on lighting, building tune-ups, load reductions, distribution systems, and heating and cooling systems.

*Introduction to the Cash Flow Opportunity Calculator Spreadsheet* – Participants will learn how to use the Cash Flow Opportunity Calculator, an Excel program developed by EPA for public sector managers to calculate the cost of upgrades by assessing their current budget.

For a schedule of online training sessions, visit [www.energystar.gov/index.cfm?c=business.bus\\_internet\\_presentations](http://www.energystar.gov/index.cfm?c=business.bus_internet_presentations).

**2004 ENERGYSTAR® Awards** The Department of Energy and Environmental Protection Agency are accepting applications for the annual ENERGYSTAR® Awards. The award recognizes ENERGYSTAR® partners who have shown leadership in environmental protection and energy conservation and efficiency. Applications for an award under the 2004 cycles must be submitted by December 5, 2003. For more information, visit [www.energystar.gov](http://www.energystar.gov).

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## DEPARTMENT OF THE INTERIOR (DOI)

***Assessing Renewable Energy on Federal Lands*** Last week, DOI's Nevada Office of the Bureau of Land Management announced plans to streamline the permitting process to encourage access to renewable energy on Federal lands. [The action was reportedly taken in response to recommendations in a recent, joint DOI and DOE report, \*Assessing the Potential for Renewable Energy on Public Lands\*. To view the report, go to \[www.doi.gov/news/pdf/FinalWhiteHouseReportwithAppendicies\]\(http://www.doi.gov/news/pdf/FinalWhiteHouseReportwithAppendicies\).](#)

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## FEDERAL ENERGY REGULATORY COMMISSION (FERC)

**Based on a Congressional request, the General Accounting Office recently released a report that details FERC's activities to protect electricity customers** to ensure fair wholesale electricity prices and oversight of the interstate transmission of electricity. To fulfill these two objectives, FERC uses the following approach:

- Foster competitive regional wholesale markets that have balanced market rules (i.e., rules that encourage efficient behavior and infrastructure development and deter abusive behavior),
- Continuous monitoring of markets for anticompetitive behavior
- Enforces or corrects market rules as needed.

FERC has balanced market rules by issuing various orders and proposed rulemakings such as Order 888, which approved the creation of regional independent system operators in certain regions; Order 2000, which encourages all privately owned utilities to voluntarily place their transmission facilities under the control of regional transmission organizations; and a Notice of Proposed Rulemaking to establish a standard market design for transmission providers. FERC established the Office of Market Oversight and Investigations (OMOI) to assist in monitoring the market to ensure that participants follow the rules. OMOI conducts investigations to enforce and/or correct market rules by responding to complaints or industry referrals. OMOI has conducted 38 investigations related to electricity matters; some of "these investigations led to enforcement actions that either provided payment of refunds, civil penalties, or investigation costs or provided corrections to market rules to help ensure generation can adequately meet increased demand."

## GENERAL SERVICES ADMINISTRATION (GSA)

***Energy Efficient Standby Devices*** On July 24, GSA, in conjunction with the Department of Defense and the National Aeronautics and Space Administration, [published a final rule on the acquisition of energy efficient standby power devices in the \*Federal Register\*](#). The rule states that an agreement on a final rule has been reached between the Defense Acquisition Regulations Council and the Civilian Agency Acquisition Council. The rule amends section 23.203 – Energy Efficient Products of *Federal Acquisition Regulation*. To view the announcement, refer to [a257.g.akamaitech.net/7/257/2422/14mar20010800/edocket.access.gpo.gov/2003/pdf/03-18534](http://a257.g.akamaitech.net/7/257/2422/14mar20010800/edocket.access.gpo.gov/2003/pdf/03-18534).

***Natural Gas for Federal Facilities*** GSA recently announced in the *Commerce Business Daily* the agency's interest in obtaining natural gas for Federal facilities. In the announcement, GSA states, "It is the desire of the U.S. Federal Government to secure the lowest cost for natural gas supply and the transportation...to Federal facilities utilizing the most direct pipeline into the serving Local Distribution Company." For additional information, visit the GSA web site at [www1.epa.gov/spg/GSA/PBS/NCR/GS-00P-03-BSC-0237/SynopsisP](http://www1.epa.gov/spg/GSA/PBS/NCR/GS-00P-03-BSC-0237/SynopsisP) or contact Linda Collins at [lindal.collins@gsa.gov](mailto:lindal.collins@gsa.gov).

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## WHITE HOUSE

***Energy Savings Performance Contracts*** On June 24, the Office of Management and Budget released the following memorandum.

### MEMORANDUM TO AGENCY SENIOR ENERGY OFFICIALS

FROM: Marcus Peacock, Associate Director  
Natural Resource Programs

SUBJECT: Improved Energy Efficiency and Conservation

Improved energy efficiency and conservation at federal facilities is an important component of this Administration's commitment to the economical use of public dollars and protection of the environment. Historically low natural gas inventories, high prices for natural gas, and an increasing demand for electricity produced from natural gas may lead to increased costs for electricity this summer. Therefore, it is particularly important that federal agencies take appropriate measures to improve their energy efficiency and conservation.

As your agency's Senior Energy Official, I urge you to redouble efforts to reduce energy consumption. Among the tools available to do this are Energy Savings Performance Contracts (ESPCs) and Utility Energy Savings Contracts (UESCs). These alternative financing mechanisms enable your agency to obtain new capital equipment, reduce energy costs, improve indoor environments, and reduce pollution without increasing budgetary outlays. Such actions will help achieve the goal of improving energy efficiency in federal facilities by 30 percent by 2005 compared with a 1985 baseline (we've already achieved a 23 percent improvement). Guidance on how to use these tools is available from the Department of Energy at [www.eere.energy.gov/femp/financing/espc](http://www.eere.energy.gov/femp/financing/espc).

As you may be aware, ESPC statutory authority is scheduled to lapse on September 30, 2003. Both House and Senate versions of the Energy bill now being considered by the Congress will extend this authority. The Administration supports extension of ESPC authority and is confident it will be reauthorized this year.

Thank you for your attention to this matter and your assistance in meeting the President's objective to improve the energy efficiency and conservation of federal facilities.

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## **ATLANTA REGION**

*No new information to report.*

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## **BOSTON REGION**

*No new information to report.*

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## **CHICAGO REGION**

*No new information to report.*

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## **DENVER REGION**

*No new information to report.*

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## **PHILADELPHIA REGION**

*No new information to report.*

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## **SEATTLE REGION**

*No new information to report.*

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# **STATE AND LOCAL GOVERNMENT ACTIVITIES**

## **ATLANTA REGION**

*No initiatives of interest to report.*

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## **BOSTON REGION**

### **► General State Activities**

**On June 17, Vermont Governor Jim Douglas (R) signed into law S.B. 57 – *An Act Relating to Promotion of Energy Efficiency and Renewable Electric Generation*.** The law defines the state's renewable energy goals, sets parameters for approving renewable pricing programs, establishes goals for

formulating a renewable portfolio standard, appropriates \$626,000 toward the installation of small scale renewable energy systems, and outlines criteria to be used in creating a 20-year state electrical energy plan. The energy plan shall be based on:

- Assessment of energy resources available for electrical generation, including renewable power
- Strategies for minimizing the economic and environmental costs of energy supply
- Estimates of the projected level of electrical energy demand
- Strategies for reducing electric rates over the short term
- Determining long-term sustainable strategies for achieving low electric rates

The new plan will be adopted no later than January 1, 2004. The act also requires a study to determine if waste-to-energy should be designated a renewable energy source. (Source: [www.leg.st.vt.us](http://www.leg.st.vt.us))

**The Massachusetts Technology Collaborative (MTC) will leverage partners in the Massachusetts Green Power Partnership to establish long-term contracts that support the development of energy projects derived from renewable energy.** To bolster financing and construction of wind, solar, biomass, and hydropower facilities, MTC is offering developers of renewable energy generating facilities and companies that purchase energy from these facilities the option to purchase renewable energy certificates purchase under long-term contracts. Mitchell Adams of MTC said, “Our goal is to support the construction of 200 megawatts of electricity from renewable sources through this effort, which would be enough power to meet the needs of approximately 150,000 homes throughout Massachusetts.” For more information, visit [www.masstech.org](http://www.masstech.org).

**Efficiency Vermont, an organization established in 1999 by the Vermont Public Service Board to provide technical guidance and financial incentives to residential and business consumers throughout the state, was awarded the Innovations in American Government Award by the Council for Excellence in Government and Harvard University.** Council CEO and President Patricia McGinnis said, “By creating an independent entity whose sole mission is energy efficiency, Vermont has empowered its citizens to secure their energy future... this small state is leading the way to a brighter future for those far beyond its borders. Already other states and countries – Maine, Indiana, Brazil – are looking to Efficiency Vermont as a model for cost-effective energy savings.” Efficiency Vermont will use the \$100,000 award to develop a public awareness program to assist other states in developing energy efficiency services. To learn more about Efficiency Vermont, visit [www.efficiencyvermont.com](http://www.efficiencyvermont.com).

#### ► *Status of Utility-Related Activities*

**On June 26, Connecticut Governor John Rowland (R) signed into law S.B. 733 – *An Act Concerning Revisions to the Electric Restructuring Legislation*, which amends the state’s Electric Restructuring Act to incorporate the following provisions as of July 1, 2003:**

- Department of Public Utility Control (DPUC) can require a utility to offer one or more alternatives to transitional standard offer service and standard service, including an alternative that includes more renewable energy than is required by law and one that promotes energy conservation.
- Expands the definition of Class I renewables to include ocean thermal power, wave or tidal power, low-emission advanced renewable energy conversion technologies, and distributed generation.
- Reduces, as of January 1, 2004, the total amount of renewable power suppliers must obtain for their service.
- Requires suppliers to provide a credit to their residential customers who generate electricity from a Class I renewable resource or hydropower. Extends net metering to utilities in their provision of transitional standard offer, standard, and backup services.

- Requires DPUC to conduct a study of the state of competition in the retail electric market.
- Requires DPUC to examine the standardization of interconnection protocols for engineering methods and rates to potentially establish technical requirements for small power generators to connect to the transmission grid.

(Source: [www.cga.state.ct.us](http://www.cga.state.ct.us))

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## CHICAGO REGION

### ► *General State Activities*

**The Cleveland Green Building Coalition (GBC) has retrofitted a five-story 25,000 square foot historic building with solar roof panels and a radiant floor heating system that will attain energy efficiency savings of 67 percent.** Once the retrofit is complete, Rebuild America partner GBC will then have the building certified under the Leadership in Energy and Environmental Design rating system of the U.S. Green Building Council. Other energy saving fixtures include extra insulation, T-5 fluorescent lights, motion sensors to shut off lights in unoccupied rooms, and low-emissivity windows. Rebuild America, U.S. Department of the Interior, Ohio Department of Development, the City of Cleveland, and a private donor provided \$4 million to complete the retrofit, which will have a payback of four years. To read more about this retrofit visit [www.clevelandgbc.org](http://www.clevelandgbc.org).

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## DENVER REGION

### ► *No initiatives of interest to report.*

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## PHILADELPHIA REGION

### ► *No initiatives of interest to report.*

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## SEATTLE REGION

### ► *General State Activities*

**On June 30, the Arizona Corporation Commission (ACC) released a report evaluating the costs, benefits, and impacts of the state's environmental portfolio standard (EPS).** The report revealed that implementation of the EPS has resulted in improved environmental impacts; development of in-state renewable resource infrastructure; reduction in the cost of solar electric technologies; and the ability for utilities to eliminate financing costs for renewable generation projects. The ACC's Cost Evaluation Working Group, which conducted the assessment, identified two policy recommendations to consider in determining future EPS policy: 1) Take no action and leave the annual renewable energy target at 0.8 percent of retail energy sales until EPS funding becomes sufficient, then increase percentage to 1.1 percent or 2) Continue the renewable energy requirement increase to 1.1 percent by 2007. To read the report, visit [www.cc.state.az.us/utility/electric/CostEvalRpt.pdf](http://www.cc.state.az.us/utility/electric/CostEvalRpt.pdf).

**With the addition of a solar electric rooftop and carport that generates 53 kilowatts per day, the Ridgehaven building in San Diego has recently become the city's most "energy efficient and environmentally sensitive municipal structure" according to Mayor Dick Murphy (R).** The building

was constructed in 1996 to serve as city headquarters for the Environmental Services department and subsequently retrofitted with various energy saving devices to earn the Energy Star label, which helped reduce energy use by 69 percent. The recent addition of the solar array will make the building 83 percent more efficient than it was originally; PowerLight Corporation's 442 solar electric rooftop panels and 96 carport panels themselves will help the city save as much as \$300,000 over the life of the solar array. The rooftop system will act as an insulator for the building and reduce heating and cooling bills. The new solar project is partially funded with \$283,363 by the California Energy Commission's Emerging Renewables program. (Source: *GreenBiz.com*, July 2, 2003)

**The San Francisco Board of Supervisors will undergo a \$16.3 million energy efficiency pilot project with Pacific Gas and Electric Company and the city's Environment Department.** Nine different energy reduction programs will help the city reduce energy usage by 16 megawatts by January of 2005. Elements of the program include reducing peak energy demand during the summer and winter, assisting low-income residents, and soliciting the support of business owners. (Source: *United Press International*, July 23, 2003)

**The California Public Utilities Commission, California Power Authority, and the California Energy Commission have adopted a state Energy Action Plan that lists specific actions to address the increasing shortage of natural gas and electricity in the state.** Broad goals in the plan include optimizing energy conservation and resource efficiency and reducing per capita electricity demand; ensuring reliable, affordable, and high quality power supply by building sufficient new generation; accelerating the state's goal for renewable resource generation to 2010; upgrading and expanding the electricity transmission and distribution infrastructure and reducing the time before needed facilities are brought on line; promoting customer and utility owned distributed generation; and ensuring a reliable supply of reasonably priced natural gas.

Specific actions to optimize conservation and resource efficiency will include:

- Improve new and remodeled building efficiency by 5 percent.
- Improve air conditioner efficiency by 10 percent above federally mandated standards.
- Make every new state building a model of energy efficiency.
- Create customer incentives for aggressive energy demand reduction.
- Provide utilities with demand response and energy efficiency investment rewards comparable to the return on investment in new power and transmission projects.
- Increase local government conservation and energy efficiency programs.
- Incorporate distributed generation or renewable technologies into energy efficiency standards for new building construction.
- Encourage companies that invest in energy conservation and resource efficiency to register with the state's Climate Change Registry.

The plan encourages actions to achieve the state's renewable generation goal by 2010, instead of the current deadline of 2017. Early attainment of this goal could be accomplished by establishing renewable portfolio standard implementation and compliance rules, facilitating the expansion of the transmission system to connect renewable resources to load, and coordinating implementation of the RPS standard with state agencies and municipal utilities. To view the Energy Action Plan, visit [www.energy.ca.gov/2003\\_energy\\_action\\_plan/2003-05-08\\_ACTION\\_PLAN.PDF](http://www.energy.ca.gov/2003_energy_action_plan/2003-05-08_ACTION_PLAN.PDF).

**California State University at Hayward is installing a \$7.11 million dollar, 1.05MW solar electric system to be built by PowerLight.** The system will accommodate about 30% of the campus's peak demand in the summertime. (Source: [www.EnergyVortex.com](http://www.EnergyVortex.com), July 2003)

► *Status of Utility-Related Activities*

**S.B. 888**, introduced by Senator Joe Dunn (D), which would have reversed the deregulation law for the state, failed to pass through the California Assembly's Utilities and Commerce committee on **July 10**. Committee members were wary of passing legislation too quickly for fear that similar repercussions to the 2000-2001 crisis might result. Opponents of the bill included businesses wanting to retain customer choice for larger commercial and industrial customers. Sarah Reyes, committee chairman said "We can't take up this bill anymore but we can take up the policy in the bill in another vehicle." (Source: *Reuters*, July 10, 2003)

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## **UTILITIES AND SUPPLIER** **ACTIVITIES**

### **GENERAL ANNOUNCEMENTS**

**The Bureau of Land Management (BLM) placed for bid geothermal leases on 56 tracts of Known Geothermal Resource Areas on Federal lands in Nevada.** Geothermal sources on Federal land in Nevada provide fuel for nine utilities, producing 1.2 MW of electricity per year. Rich Hoops of BLM said that renewable energy mandates established by the Federal government will result in higher demand for geothermal resource areas. Companies selling energy derived from geothermal sources on Federal lands receive royalties in the amount of \$2 to \$4 million per year. (Source: *Reno Gazette-Journal*, June 27, 2003)

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### **ATLANTA REGION**

► *Restructuring Activities*

**Lamar Light and Power has received financing to construct a 4.5 MW wind farm later this year. The wind farm will be comprised of three 1.5 MW General Electric Wind turbines.** According to Leon Sparks of Lamar Light and Power, the utility can produce power from the wind turbines at a cost of less than four cents per kilowatt hour. Funds recovered from Federal renewable energy credits and the purchase of green tags will reduce the cost of the wind power to two cents per kilowatt hour, making it the cheapest power available to the utility. The Arkansas River Power Authority will also purchase two wind turbines in Lamar and Springfield. (Source: *Lamar Daily News*, July 15, 2003)

**FPL Energy, LLC will construct a wind farm in Uinta County, Wyoming, that will generate 144 MW of renewable power and serve 43,000 residents.** The project, which more than doubles Wyoming's wind generating capacity, will go online by the end of 2003. Jim Robo of FPL Energy said, "The Wyoming project represents another important milestone in the disciplined growth of our wind portfolio. This project will bring a significant new source of clean, renewable power to the region." FPL also plans to expand by 16 MW the generating output of the High Winds Energy Center in Solano County, California. The additional output, which will be completed by the end of 2003 and sold to PPM Energy, Inc., will bring total capacity of the wind farm to 162 MW. (Source: *Business Wire*, July 23, 2003)

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## BOSTON REGION

### ► *Public Benefits*

**New York Power Authority's (NYPA) Peak Load Management (PLM) program has begun.** Under the program, which is part of the State's Coordinated Electricity Demand Reduction Initiative, participants receive \$40 for every kilowatt of electricity that they save when asked by the utility between now and September. The program helps manage electric demand on the grid so that power outages are less likely. Louis Ciminelli of NYPA said that "Various Power Authority customers--both businesses and government organizations--participate in the program, helping to manage available power supplies during the air-conditioning season... Their reduction in power use helps to maintain the reliability of the electric system during the most uncomfortable summer days." Customers participating in the program include the Metropolitan Transportation Authority, the New York City Department of Environmental Protection, and the City University of New York. This summer, the Power Authority expects to reduce power usage in the city by at least 50,000 kilowatts – the same amount reduced last summer. (Source: *Business Wire*, July 8, 2003)

**NYPA will boost its energy supplies by purchasing 50 MW of wind power from proposed new projects of two suppliers: Chautauqua Windpower and Windfarm Prattsburgh, LLC.** NYPA will buy 50 percent or less of the wind power produced by each of the proposed projects. See the press release at: [www.nypa.gov/press/2003/030624a.htm](http://www.nypa.gov/press/2003/030624a.htm).

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## CHICAGO REGION

### ► *No initiatives of interest to report.*

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## DENVER REGION

### ► *Restructuring Activities*

**Cielo Wind Power, LLC and Orion Energy LLC will construct a 160 MW wind farm, comprised of 160 one MW wind generators, in Brazos, Texas, by December 31, 2003.** Green Mountain Energy Company and TXU Energy have signed a contract to purchase 100 percent of the wind output; output will generate power to serve 30,000 homes per year. Paul Thomas of Green Mountain Energy Company said, "The success of the Texas market, coupled with the demand created by our loyal customers, has resulted in the development of the first Green Mountain Energy Wind Farm in Texas." VJ Horgan of TXU Energy said, "TXU will encourage research on and development of more efficient, environmentally-benign sources of energy and, wherever warranted by market opportunities, offer our customers the benefits of energy produced from renewable resources." Shell WindEnergy will operate the wind farm. (Source: *PRNewswire*, July 23, 2003)

**One of three wind farms under construction in the State of Oklahoma, the Blue Canyon Wind Farm will come online by October 29.** The wind farm, which will require construction of a 26.4 mile transmission cable – the longest in the country to serve a wind farm – will generate enough renewable power to serve 23,000 homes. Zilkha Renewable Energy Corporation will own and operate the wind farm and sell the power to Western Farmers Electric Cooperative. Completed over four phases of construction, the wind farm will produce a total of 300 MW. (Source: [www.newsok.com](http://www.newsok.com), July 24, 2003)

### ► *Public Benefits*

**The Public Service of New Mexico (PNM) has filed with the state Public Regulation Commission for a reduction in the renewable energy tariff from 2.5 cents per kilowatt hour to 2.5 cents per kilowatt**



**hour for business and residential customers.** PNM will serve customers, possibly by October, with renewable energy drawn from the New Mexico Wind Energy Center, currently being constructed in New Mexico. Bill Real of PNM said, "This proposal gives us an extremely competitive renewable energy package... We believe this will be a cost-effective and appealing way for customers to voice their support for growing a strong renewable energy industry in New Mexico... Equally important, this renewable energy package is an expression of our long-term environmental strategy to enhance the air quality of New Mexico." (Source: [www.pnm.com](http://www.pnm.com))

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## PHILADELPHIA REGION

### ► *Restructuring Activities*

**On July 9, the largest wind farm east of the Mississippi River was dedicated by Exelon Corporation, FPL Energy, West Virginia Governor Bob Wise, and others.** Owned by FPL Energy, the new wind farm is located on a ridge in Tucker County, West Virginia and will produce 66 MW of electricity, enough to power 22,000 homes served by Exelon Corporation. Exelon representative Jan Freeman said "Our 20-year commitment to this project is part of our strategy in building a diversified, reliable, low-emission generation portfolio... This wind farm was a successful culmination of teamwork and commitment to building environmentally sound generation projects along the East Coast." Washington Gas Energy Services offers electricity from the turbines to its residential and commercial customers in the Washington, DC region. (Source: *Business Wire*, July 9, 2003 and *Environmental News Service*, July 9, 2003)

**Pepco Energy Services, Inc. will provide 24 MW of wind-derived electricity to state agencies in New Jersey.** Over 90 percent of the Green-E certified wind power will be generated from Community Energy, Inc.'s Bear Creek wind farm near Wilkes-Barre, Pennsylvania. 180 New Jersey organizations will make an aggregated purchase of renewable power to satisfy the ten percent renewables goal set by Governor James McGreevey. Participating organizations include Rutgers University, New Jersey Highway Administration, New Jersey Transit and the New Jersey Turnpike Authority. Dr. Ed Mayberry of Pepco Energy Services commended the partnership that has resulted in creating the largest single retail sale of wind power in the region. He said, "Our partnership with Community Energy enables Pepco Energy Services to provide emissions-free wind power to our customers and furthers the development of additional wind energy facilities in PJM. We welcome this opportunity to do business with Community Energy and the State of New Jersey." (Source: *U.S. Newswire*, July 23, 2003)

**Wind farms located in West Virginia, such as the Mountaineer Wind Energy Center, are serving institutions outside of the state, while in-state organizations are hesitant to support the concept of purchasing the renewable energy.** The only in-state company to sign up for the renewable power so far is Norm Thomas Outfitters. John Holley of Community Energy Inc. said, "We don't have many [customers] in West Virginia so far." Other officials within the company state that the lack of interest may stem from lack of renewable energy marketing in the state. State and local organizations purchasing energy derived from wind power generated in West Virginia include the University of Pennsylvania, Catholic University, American University, Penn State University, and Drexel University. Federal agency customers include various Army military bases and the World Bank. According to Harry Warren of Washington Gas Energy Services, nearly 10,000 residential and business customers in the Washington, D.C. area "take a portion of their energy from the wind power project." (Source: *The Charleston Gazette*, July 20, 2003)

**High fuel costs during the winter of 2002-2003 and a prediction for higher fuel costs and extreme weather for the coming winter, have prompted Dominion Virginia Power to request a rate increase that would result in a 5.6 percent increase for residential customers.** The first fuel rate increase in over three years, the 5.6 percent increase is based on a two-year cost recovery; if the new fuel rate is approved for a single year, then customers would be required to pay about 8.7 percent more. According to Thomas Farrell of Dominion Energy: "Just as consumers have seen increases in the price of natural

gas, fuel oil and gasoline, so has Dominion and other users of natural gas and petroleum products...The fuel rate that went into effect in January 2001 has been unable to keep pace with fuel costs, especially the marked increase in natural gas prices.” (Source: *PRNewswire*, July 1, 2003)

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## SEATTLE REGION

### ► *Public Benefits*

**The Nevada Power Company and Sierra Pacific Power Company have issued requests for proposals for energy generated from renewable energy sources for their customers in southern Nevada and Northern Nevada, respectively.** Utilities in the State of Nevada are required to increase their use of renewable energy by two percent every other year, until their portfolio accounts for 15 percent of total energy sales by the year 2013. To find out more about the RFP, visit [www.sierrapacificresources.com/company/renewables](http://www.sierrapacificresources.com/company/renewables).

**NorthWestern Energy is now offering residential and business customers the option to purchase 100 kilowatt hour blocks of renewable energy each month in the E+ Green program at a \$2 premium.** An E+ Green Partners program is offered to commercial and industrial customers that meet renewable purchase requirements. The Partners program enables participants to be included in program advertisements and the use of the "E+ Green" program logo. The program will be supported by Green-E renewable certificates created by solar and wind power generated in the Pacific Northwest and supplied by the Bonneville Environmental Foundation. (Source: [www.northwesternenergy.com](http://www.northwesternenergy.com))

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# PRIVATE SECTOR

## GENERAL REGION

**The McKnight Foundation, a private philanthropic organization, will devote \$8.1 million over the next three years to promote renewable energy in Illinois, Iowa, Minnesota, Nebraska, Wisconsin, North Dakota and South Dakota.** The Energy Foundation will work with the McKnight Foundation to administer projects on wind power. (Source: *EERE Network News*, July 16, 2003)

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## ATLANTA REGION

*No news of interest to report.*

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## BOSTON REGION

*No news of interest to report.*

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## CHICAGO REGION

*No news of interest to report.*

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## DENVER REGION

**Luzenac America, Inc. has purchased 1,700 MWh in wind power “Green Tags,” enough to offset the greenhouse gas emissions associated with electrical energy use at its Yellowstone Talc Mine in Montana.** Luzenac has purchased the energy credits through the Bonneville Environmental Foundation. (Source: *Environmental News Service*, July 7, 2003)

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## PHILADELPHIA REGION

*No news of interest to report.*

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## SEATTLE REGION

**Zilkha plans to build the Wild Horse Wind Power Project, a 165 MW wind facility in Kittitas County, Washington.** The state’s Energy Facility Site Evaluation Council is reviewing the company’s proposal for this facility, as well as another 181 MW project in the same county. See the announcement at [www.efsec.wa.gov/wildhorse.html](http://www.efsec.wa.gov/wildhorse.html).

**University of California Board of Regents has approved the Green Building Policy and Clean Energy Standard for all ten campuses.** The standard calls for adoption of energy efficiency and sustainability principles, taking into account budgetary constraints and regulatory and programmatic requirements. The university will purchase green power through the grid, thus reducing non-renewable energy needs and instead utilizing local renewable sources of power such as geothermal and wind energy. (Source: *Environmental News Service*, July 17, 2003)

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## INTERNATIONAL

**The United Kingdom has made three large offshore areas, capable of maintaining 6,000 MW wind power, available to wind power developers.** The U.K. Department of Trade and Industry has asked the Crown Estate to invite developers to bid on leases. Once the lease is granted, the developers will need their project proposal approved. (Source: *EERE Network News*, July 16, 2003)

**GE Wind Energy is beginning construction of a 3.6 MW wind turbine for the first wind power project in the Irish Sea.** The first two years of operation will be for demonstration by GE Wind Energy, and then Ireland’s Airtricity will hold an option to purchase the facility. (Source: *EERE Network News*, July 16, 2003)

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# **ALTERNATIVE FUELS AND VEHICLES**

## **GENERAL ANNOUNCEMENTS**

**WestStart-CALSTART's Clean Car Maps** website provides online access to information about alternative fuel fueling stations across the country. The site, [www.cleancarmaps.com](http://www.cleancarmaps.com), has recently been upgraded. (Source: *Natural Gas Fuels*, July 2003)

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## **ATLANTA REGION**

*No new information of interest to report.*

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## **BOSTON REGION**

### ► *AFV Fleet Acquisitions*

**The Environmental Protection Agency and the New York State Energy Research and Development Authority** have contributed \$5 million each towards a project to retrofit or replace 15,000 school buses with pollution control technology in the next three years. The New York Association of Pupil Transportation will perform the retrofits and replacements, which may reduce pollution by more than 90 percent. (Source: *Greenwire*, July 15, 2003)

### ► *Infrastructure Activities*

**The State of Connecticut has its first fully-functioning E85 fueling facility**, located at the Department of Transportation in Newington. The facility will support 475 flexible-fuel vehicles, with another 334 vehicles to be relocated in order to take advantage of the new infrastructure. (Source: *Clean Cities*, July 2003)

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## **CHICAGO REGION**

### ► *AFV Fleet Acquisitions*

**Countrymark Co-op in Jolietville, Indiana, now offers biodiesel at one of its fuel terminals.** The installation, supported by the Indiana Soybean Board, will increase the availability of biodiesel to farmers and other consumers. (Source: *EERE Network News*, July 9, 2003)

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## **DENVER REGION**

### ► *AFV Fleet Acquisitions*

**Three New Flyer diesel-hybrid 40-foot low floor buses are being tested by the Utah Transit Authority** as part of a nationwide project to begin replacing conventional diesel buses with cleaner, more efficient, quieter hybrid buses. The project is receiving Federal funding. (Source: *CalStart News Notes*, July 9, 2003)

► *Infrastructure Activities*

**Renewable Energy Partners of New Mexico has opened a second E85 fueling station in Santa Fe,** using a grant of \$35,000 from the National Ethanol Vehicle Coalition. Amigo Petroleum, Land of Enchantment Clean Cities Coalition, Alternative Fuel Vehicle Network, New Mexico Energy, and Minerals and Natural Resources Department provided additional assistance. (Source: Clean Cities, July 2003)

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## **PHILADELPHIA REGION**

*No new information of interest to report.*

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## **SEATTLE REGION**

*No new information of interest to report.*

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## **INTERNATIONAL**

*No new information of interest to report.*

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# **MEETINGS, CONFERENCES, AND TRAINING** **WORKSHOPS**

- Refer to [Attachment C](#) – New Technologies
- Refer to [Attachment D](#) – Calendar of Upcoming Events.

## **MULTIPLE REGIONS**

**The Association of Energy Engineers offers online and distance-learning seminars.** Upcoming August seminars include “Distributed Generation,” on August 4. For more information, go to [www.aeecenter.org/training](http://www.aeecenter.org/training) or [www.aeecenter.org/realtime](http://www.aeecenter.org/realtime).

**Mark Your Calendar** During Energy 2003, the Federal Energy Management Advisory Committee (FEMAC), which is coordinated by FEMP, will hold a public meeting on Tuesday, August 19 at 4:00 to 5:30. All participants, especially Federal Government officials are encouraged to attend and speak about their experiences in implementing energy projects.

## ATLANTA REGION

**Green Power** magazine presents “Green Power Options,” on February 3, 2004, in Ft. Lauderdale, Florida. Business, management and technical professionals are invited to learn about utilizing green power to optimize economic and environmental benefits and achieve energy independence and security. For more information, please visit [www.greenpowermagazine.com/gp\\_seminar\\_index.htm](http://www.greenpowermagazine.com/gp_seminar_index.htm).

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## BOSTON REGION

**Green Power** magazine presents “Green Power Options,” on October 21 in Boston, Massachusetts. Business, management and technical professionals are invited to learn about utilizing green power to optimize economic and environmental benefits and achieve energy independence and security. For more information, please visit [www.greenpowermagazine.com/gp\\_seminar\\_index.htm](http://www.greenpowermagazine.com/gp_seminar_index.htm).

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## CHICAGO REGION

*No new information to report.*

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## DENVER REGION

**Sandia National Laboratories** presents the Solar Energy Systems Symposium on October 15-17 in Albuquerque, New Mexico. The event is billed as a forum to explore solar technologies as they relate to national security, the strength of U.S. industry, markets, and the importance of research and development. For more information, please visit [www.sandia.gov/pv/docs/Symposium2003.htm](http://www.sandia.gov/pv/docs/Symposium2003.htm).

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## PHILADELPHIA REGION

*No new information to report.*

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## SEATTLE REGION

**The San Francisco Institute of Architecture** presents “EcoWave 2003” on August 7-10 in Berkeley, California. The conference will explore “the next great wave in architecture through speakers, exhibits, and tours.” For more information, see [www.sfia.net/conference.asp](http://www.sfia.net/conference.asp).

**Energy Seminars, Inc.** presents “Optimizing Standard Market Design Bid Strategies” on August 13 in Sacramento, California. This seminar will focus on the challenges to operation in new locational marginal pricing markets. For more information, please visit [www.energyseminars.com](http://www.energyseminars.com).

**Green Power** magazine presents “Green Power Options,” on September 25 in San Diego, California. Business, management and technical professionals are invited to learn about utilizing green power to optimize economic and environmental benefits and achieve energy independence and security. For more information, please visit [www.greenpowermagazine.com/gp\\_seminar\\_index.htm](http://www.greenpowermagazine.com/gp_seminar_index.htm).

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# **STUDIES, REPORTS, AND ANALYSES**

## **SOLAR AND RENEWABLE ENERGY**

### ***Renewable Energy and State Economies, Council of State Governments, July 2003***

Report authors reveal that in addition to their potential to enhance energy security, improve environmental conditions, and control consumer energy costs, renewable energy may also spur economic development at the state and local levels. The 48-page report offers many policy options for state lawmakers in light of a rapidly emerging renewable energy market. The report states that “[c]oncerns about the environment, public health, energy security and price volatility continue to be motivating factors for the growth of renewable energy. With its continued growth, renewable energy has the potential to benefit the entire country in these areas.” To access the report at no cost, visit [www.csg.org](http://www.csg.org).

### ***Renewable Power Outlook 2003, Platts Research & Consulting, 2003***

The report reveals that wind capacity and geothermal and solar energy technologies are driven by incentives such as the Federal production tax credit (PTC) and state-level renewable portfolio standards. Data projections, listed by state and technology through 2015, reveal trends that U.S. wind capacity may increase to 36 GW by 2015, and U.S. geothermal capacity may grow at an average annual rate of 4.5 percent per year through 2015. The solar energy market is projected to grow at a rate of 15 percent per year. According to the author, Jack Ihle, “Renewables will still account for only a small share of the total U.S. power market, but they will play an increasingly important role in diversifying the nation's electricity supply portfolio.” For more information, visit [www.platts.com](http://www.platts.com).

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## **ENERGY AND WATER CONSERVATION**

### ***Management, Measurement & Verification of Performance Contracting, James P. Waltz, P.E., 2003***

The book guides readers as to how to manage, monitor, and execute a successful performance contracted energy project.

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## **UTILITIES**

### ***2003 Northeast Regional Transmission Organization (RTO) Study, EnergyPromotion.net, 2003***

The report describes efforts to implement transmission system operator initiatives for the Pennsylvania-New Jersey-Maryland RTO, New York Independent System Operator, and the Independent System Operator – New England. Assessments of each RTO include market characteristics, planning and development, transmission system operations, transmission pricing, and energy market operations. Also included are a synopses of FERC Orders 888, 889, and 2000; FERC Standard Market Design Notice of Proposed Rulemaking (SMD); and other FERC initiatives, including an assessment of how FERC’s SMD will affect northeast RTO’s in the future. The report can be purchased by visiting [www.energypromotion.net](http://www.energypromotion.net).

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## ALTERNATIVE FUELS AND VEHICLES

### ***Hybrid Cars Study, James Winebrake, Rochester Institute of Technology, 2003***

The study, published in the spring edition of *Futures Research Quarterly*, finds that a large scale shift from oil imports to electric-powered transit options would boost the gross domestic product by about \$40 billion annually.

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## MISCELLANEOUS

### ***GrayLIT Network/ Energy Citations Database/ DOE R&D Portfolio website, U.S. Department of Energy's Office of Scientific and Technical Information (OSTI), June 2003***

The resources are newly available as a science and technology information service for the interested public. Access the service at [www.osti.gov](http://www.osti.gov).

### ***Regulators Handbook on Tradable Emissions Certificates, Center for Resource Solutions, May 2003***

Designed as a reference manual for energy regulators, state energy offices, and consumer advocates, the handbook covers basic principles and best practices for using Tradable Emissions Certificates (TRC). Eight sections cover such issues as general background information on renewable energy certificates, examples of situations in which TRC are used, property rights and ownership of TRC; ratesetting issues, consumer protection issues; use of TRC to satisfy Federal or state mandated renewable energy programs; and guidelines for the development of certificate accounting systems and how to coordinate the use of TRC with greenhouse gas registries. To access the entire manual online, visit [crs2.net/handbook/TRC\\_Handbook.htm](http://crs2.net/handbook/TRC_Handbook.htm).

### ***Market Transformation: Substantial Progress from a Decade of Work, American Council for an Energy-Efficient Economy (ACEEE), July 2003***

A review of the results of 28 market transformation initiatives throughout the U.S. revealed that energy efficiency programs have expanded in scope and scale throughout the residential, commercial, and industrial sectors. According to Steven Nadel of ACEEE, "These reports also provide a wealth of market information and lessons learned on approaches that work and don't work – information that can aid future program design and implementation." Initiatives making the most progress are those addressing residential clothes washers and commercial exit signs. Success for these initiatives is largely due to education and incentive programs, and building codes, which are the harbingers for new Federal efficiency standards that will take effect in 2007. To access the reports, visit [aceee.org/buildings/mt/mt\\_newreports/index.htm](http://aceee.org/buildings/mt/mt_newreports/index.htm).

### ***National Park Service: Partnering & Managing for Excellence, National Park Service (NPS), 2003***

The report highlights the NPS's accomplishments toward fulfilling the goals of the National Parks Legacy Project. To date, the achieved following maintenance back log and facility management goals:

- Repair and rehabilitation of over 900 facilities; 500 more projects are currently being conducted, and 400 more are scheduled for 2004.
- Completion of an inventory park facility conditions. A Facility Condition Index was also developed to measure each facility's condition and replacement value; the index will be used to help NPS determine priority projects for deferred maintenance investment or replacement and be used to reduce maintenance backlog by evaluating the life cycle of buildings to employ appropriate preventive maintenance.

Over the next several years, NPS will complete facility condition assessments at all national parks and implement over 800 maintenance backlog projects. To view the report in its entirety, visit [www.nps.gov](http://www.nps.gov).

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# ATTACHMENT A

## STATUS OF FY 2004 APPROPRIATIONS BILLS

(In Millions)

### HOUSE

### SENATE

<i>Jurisdiction/ FY 2004 Budget Request</i>	<i>302(b) Allocations / Approved Funding Level</i>	<i>Bill No.</i>	<i>Full Cmte. Mark Up</i>	<i>Floor Vote</i>	<i>Conf.</i>	<i>302(b) Allocations/Approved Funding Level (New)</i>	<i>Bill No.</i>	<i>Full Cmte. Mark Up</i>	<i>Floor Vote</i>	<i>Conf.</i>
<b>Agriculture</b> <b>17,141</b>	<b>\$17,005</b>	<b><i>H.R.</i> <i>2673</i></b>	6/25	7/14		<b>\$17,005</b>	<b><i>S.</i> <i>1427</i></b>	7/17		
<b>Commerce</b> <b>37,685</b>	<b>\$37,914</b>	<b><i>H.R.</i> <i>2799</i></b>	7/16	7/23		<b>\$37,014</b>				
<b>Defense</b> <b>371,698</b>	<b>\$368,662</b>	<b><i>H.R.</i> <i>2658</i></b>	6/26	7/8		<b>\$368,662</b>	<b><i>S.</i> <i>1382</i></b>	7/9	7/17	
<b>Energy and Water Development</b> <b>26,946</b>	<b>\$27,080</b>	<b><i>H.R.</i> <i>2754</i></b>	7/15	7/18		<b>\$427,313</b>	<b><i>S.</i> <i>1424</i></b>	7/17		
<b>Homeland Security</b> <b>27,481</b>	<b>\$28,521</b>	<b><i>H.R.</i> <i>2555</i></b>	6/17	6/24		<b>\$28,521</b>	<b><i>H.R.</i> <i>2555</i></b>	7/10	7/24	
<b>Interior</b> <b>19,552</b>	<b>\$19,627</b>	<b><i>H.R.</i> <i>2691</i></b>	6/25	7/17		<b>\$19,627</b>	<b><i>S.</i> <i>1391</i></b>	7/10		
<b>Labor / HHS</b> <b>137,990</b>	<b>\$138,046</b>	<b><i>H.R.</i> <i>2660</i></b>	6/25	7/10		<b>\$137,601</b>	<b><i>S.</i> <i>1356</i></b>	6/26		
<b>Military Construction</b> <b>9,237</b>	<b>\$9,196</b>	<b><i>H.R.</i> <i>2559</i></b>	6/17	6/26		<b>\$9,196</b>	<b><i>S.</i> <i>1357</i></b>	6/26	7/11	
<b>Transportation and Treasury</b> <b>27,802</b>	<b>\$27,502</b>	<b><i>H.R.</i> _____</b>	7/24			<b>\$27,502</b>				
<b>VA/HUD</b> <b>89,434</b>	<b>\$90,034</b>	<b><i>H.R.</i> <i>2861</i></b>	7/21	7/25		<b>\$90,034</b>				

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# **ATTACHMENT B**

## **HEARINGS SCHEDULE**

### **HOUSE – APPROPRIATIONS**

*The House has begun its annual summer recess. No future schedule has been announced.*

### **HOUSE – AUTHORIZATIONS/OVERSIGHT**

*The House has begun its annual summer recess. No future schedule has been announced.*

### **SENATE – APPROPRIATIONS**

*No activities of interest have been announced.*

### **SENATE – AUTHORIZATIONS/OVERSIGHT**

*The House has begun its annual summer recess. No future schedule has been announced.*

### **CONFERENCE COMMITTEE NEGOTIATIONS/FLOOR VOTES**

<b>Date/Committee</b>	<b>Action and Issue(s)</b>	<b>Time/Location</b>
<i>Week of July 28, 2003</i>	<i>Consideration and Vote –</i>	Ongoing throughout the week
	<i>S. 14 – Energy Policy Act of 2003</i>	U.S. Capitol
Full Senate		

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## **ATTACHMENT C – NEW TECHNOLOGIES**

**For informational purposes only. Listing does not imply endorsement.**

Technology	Manufacturer	Manufacturers Claim	Contact
<b>HVAC</b>			
<b>Closed-circuit Cooler</b>	Evapco Inc.	Uses 30-50 percent less energy than other induced-draft fluid coolers and 70-80 percent less energy than forced-draft coolers	<a href="http://www.evapco.com">www.evapco.com</a>
<b>Skyline Air Handler</b>	McQuay	Features custom-modular platform and variable-dimensioning design, potentially improving operating efficiency	<a href="http://www.mcquay.com">www.mcquay.com</a>
<b>Aquasnap Chiller</b>	Carrier	EER up to 10.3 with full load; part-load EER as high as 14.3 EER	<a href="http://www.carrier.com">www.carrier.com</a>
<b>DK Series Ceramic Heater</b>	Space-Ray	Provides more radiant surface for increased output and heating efficiency	<a href="http://www.spaceray.com">www.spaceray.com</a>
<b>WaterWizard Steam-fired Water Heater</b>	AERCO	Helical heat exchanger and dedicated subcooling coil maximize efficiency	<a href="http://www.aerco.com">www.aerco.com</a>
<b>Infratube Quartz Radiant Heater</b>	Infratech USA	Uses infrared energy to efficiently provide heat	<a href="http://www.infratech-usa.com">www.infratech-usa.com</a>
<b>Lighting</b>			
<b>T-Bay Fluorescent Luminaire</b>	Crescent/Stonco	Represents a 50 percent savings in energy use over metal halide	<a href="http://www.stoncolighting.com">www.stoncolighting.com</a>
<b>Signos6™ Downlight Trim Elements</b>	Prescolite	Virtual Source® reflector optics ensure optimum lighting efficiency	<a href="http://www.prescolite.com">www.prescolite.com</a>
<b>Louis Poulsen SP Range</b>	Louis Poulsen UK	Incorporates electronic ballasts for high efficiency	<a href="http://www.dmadesign.co.uk">www.dmadesign.co.uk</a>
<b>Origins™ Luminaire</b>	Omega Lighting	Fixtures house lamps including compact fluorescent; dimming options available	<a href="http://www.originslighting.com">www.originslighting.com</a>
<b>Round RopeLED</b>	LEDtronics®	Energy efficient; saves 80-90 percent of energy costs compared with incandescent lighting	<a href="http://www.ledtronics.com">www.ledtronics.com</a>

Technology	Manufacturer	Manufacturers Claim	Contact
<b>ENERGY MANAGEMENT TOOLS</b>			
<b>Enviracom™ Communicating Thermostat</b>	Honeywell	Allows users to access, monitor, and program heating and cooling systems via a home computer, Web browser, or digital cell phone	<a href="http://www.customer.honeywell.com/envira.com">www.customer.honeywell.com/envira.com</a>
<b>eLite Series Emergency Lighting Inverter</b>	Controlled Power Co.	Inverters maintain proper operating voltage for HID and HPS lighting, as well as electronic ballasts, resulting in increased system life, less-frequent replacement of ballasts and lamps, and optimum operating efficiency	<a href="http://www.controlledpwr.com">www.controlledpwr.com</a>
<b>DT-300 Series Dual Technology Occupancy Sensor</b>	The Watt Stopper	Uses passive infrared and ultrasonic sensing to detect occupancy and turn lights on and off accordingly	<a href="http://www.wattstopper.com">www.wattstopper.com</a>
<b>Analyst 3Q</b>	LEM Dranetz-BMI	Identifies sub-cycle disturbances that affect power quality	<a href="http://www.leminstruments.com">www.leminstruments.com</a>
<b>LanStar II-PRO™ Programmable DDC</b>	Barrington Systems	Allows the unit to supervise and control third party devices such as VSDs, chillers, kWh meters, and other Modbus compatible equipment	<a href="http://www.barringtonsys.com">www.barringtonsys.com</a>
<b>MISCELLANEOUS</b>			
<b>SMC-Flex™ Soft Starter</b>	Rockwell Automation	Reduces heat losses by 80 percent	<a href="http://www.rockwell.com">www.rockwell.com</a>
<b>Reflectix® Fiber-free Acoustic Duct Liner</b>	Reflectix, Inc.	Reduces heat loss and gain to improve efficiency	<a href="http://www.reflectixinc.com">www.reflectixinc.com</a>
<b>WindStor</b>	McKenzie Bay International, Limited	Wind power system is designed for remote electricity generation, as well as for commercial and multistory residential buildings	<a href="http://www.mckenziebay.com">www.mckenziebay.com</a>

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# **ATTACHMENT D**

## **MEETINGS, CONFERENCES, AND OTHER EVENTS**

**NOTE:** New events are highlighted in **blue**.  
DOE-sponsored events are highlighted in **green**.

### GENERAL ANNOUNCEMENTS

DATE	EVENT	SPONSOR
<b>August 4, 2003</b>	<b>Distributed Generation</b>	<b>Association of Energy Engineers</b>
August 11, 2003	Performance Contracting 2003	Association of Energy Engineers

### ATLANTA REGION

DATE	EVENT	SPONSOR
<b>August 17-20, 2003</b>	<b>Energy 2003 Orlando, FL</b>	<b>Federal Energy Management Program</b>
October 7-8, 2003	Hybrid Solar Lighting Summit: Bringing Sunlight Inside Knoxville, TN	Oak Ridge National Laboratory
November 12-13, 2003	Green Power 2003 Ft. Lauderdale, FL	<i>Green Power</i> magazine
November 12-13, 2003	World Energy Engineering Congress (WEEC) Atlanta, GA	Association of Energy Engineers
November 12-14, 2003	High Performance Facilities Expo 2003 Atlanta, GA	Association of Energy Engineers
<b>December 3-4, 2003</b>	<b>Fundamentals of Energy Management Miami, FL</b>	<b>Department of Energy</b>
<b>February 3, 2004</b>	<b>Green Power Options Ft. Lauderdale, FL</b>	<b><i>Green Power</i> magazine</b>

### BOSTON REGION

DATE	EVENT	SPONSOR
July 29- August 1, 2003	2003 ACEEE Summer Study on Energy Efficiency in Industry: Sustainability and Industry – Increasing Energy Efficiency and Reducing Emissions Rye Brook, NY	American Council for an Energy Efficient Economy
September 12-13, 2003	ReCharge Energy Expo Bear Mountain State Park, NY	Pace University Energy Project

DATE	EVENT	SPONSOR
October 14-15, 2003	3 <sup>rd</sup> Annual Empire Energy and Environmental Exposition (E4) Albany, NY	Environmental Business Association of New York State, Inc.
<b>October 21, 2003</b>	<b>Green Power Options Boston, MA</b>	<b>Green Power magazine</b>
October 21-23, 2003	2003 Business and Energy Conference: Realizing Value and Reducing Vulnerability New York, NY	Energy Star®

### CHICAGO REGION

DATE	EVENT	SPONSOR
August 9-10, 2003	Illinois Renewable Energy Fair Oregon, IL	Illinois Renewable Energy Association
August 11-13, 2003	Industrial Lighting Seminar Newark, OH	Holophane
August 18-21, 2003	Solar Photosynthetic (Biomass for Heating Electrical Generation and the Production of Transportation Fuels) St. Paul, MN	CREED Project
October 15-18, 2003	2003 Excellence in Building Conference & Exposition Chicago, IL	Energy and Environmental Building Association
<b>October 28-30, 2003</b>	<b>How to Meet Federal Energy Goals -- Midwest Workshop St. Louis, MO</b>	<b>FEMP</b>

### DENVER REGION

DATE	EVENT	SPONSOR
September 13-14, 2003	4th Annual Rocky Mountain Sustainable Living Fair Fort Collins, CO	Rocky Mountain Sustainable Living Association
September 17-20, 2003	Architectural Engineering 2003: Building Integration Solutions Austin, TX	Architectural Engineering Institute
September 26-28, 2003	Renewable Energy Roundup and Green Living Fair Fredericksburg, TX	Texas Renewable Energy Industries Association and Texas Solar Energy Society
September 28-29, 2003	Solar Fiesta: Building the Energy Pathways Albuquerque, NM	New Mexico Solar Energy Association

DATE	EVENT	SPONSOR
September 29-October 1, 2003	Building for Greener Communities National Conference Nebraska City, NE	Firewise Communities
<b>October 15-17, 2003</b>	<b>Solar Energy Systems Symposium Albuquerque, NM</b>	<b>Sandia National Laboratories</b>
October 19-21, 2003	World Workplace and Facilities America Conference Dallas, TX	International Facility Management Association
<b>October 21-23, 2003</b>	<b>Laboratories for the 21st Century 2003 Annual Conference Denver, CO</b>	<b>Department of Energy</b>
December 11-12, 2003	Business Energy Solutions Expo 2003 New Orleans, LA	Association of American Engineers

### PHILADELPHIA REGION

DATE	EVENT	SPONSOR
<b>August 14-15, 2003</b>	<b>Fundamentals of Energy Management Atlantic City, NJ</b>	<b>Department of Energy</b>
October 12-14, 2003	2003 AIVC BETEC Conference: Ventilation, Humidity Control and Energy Washington, DC	Building Environment and Thermal Envelope Council
November 12 - November 14, 2003	2003 USGBC International Green Building Conference & Expo Pittsburgh, PA	U.S. Green Building Council
December 3-5, 2003	2003 Hydrogen Production and Storage Forum: Assessing the "Here-and-Now" Technical, Strategic and Commercial Opportunities for Generating and Storing Hydrogen Fuel Washington, DC	Intertech Corporation

### SEATTLE REGION

DATE	EVENT	SPONSOR
July 28-August 8, 2003	Energy Management Certification Program Eugene, OR	Northwest Energy Education Institute
<b>August 7-10, 2003</b>	<b>EcoWave 2003 Berkeley, CA</b>	<b>The San Francisco Institute of Architecture</b>
August 8-10, 2003	Southwest Renewable Energy Fair Flagstaff, AZ	Greater Flagstaff Economic Council
<b>August 13, 2003</b>	<b>Optimizing Standard Market Design Bid Strategies Sacramento, CA</b>	<b>Energy Seminars, Inc.</b>

DATE	EVENT	SPONSOR
<b>August 20-22, 2003</b>	<b>International Energy Program Evaluation Conference Seattle, WA</b>	<b>Department of Energy</b>
August 23-24, 2003	SolFest 2003 Hopland, CA	Solar Living Institute
September 15-17, 2003	The Theory & Practice of Distributed Generation & Onsite CHP San Diego, CA	Association of Energy Engineers
September 17-18, 2003	21 <sup>st</sup> West Coast Energy Management Congress, San Diego, CA	Association of Energy Engineers
September 19-21, 2003	Northwest Renewable Energy Festival Walla Walla, WA	Whitman College
September 24-25, 2003	Lightshow West 2003 San Francisco, CA	American Institute of Architects, and others
<b>September 25, 2003</b>	<b>Green Power Options San Diego, CA</b>	<b>Green Power magazine</b>
October 1-3, 2003	Sustainable Energy Expo and Conference Los Angeles, CA	IIR Exhibitions
<b>October 2-3, 2003</b>	<b>Fundamentals of Energy Management Las Vegas, NV</b>	<b>Department of Energy</b>
October 3-4, 2003	Green Building Expo Phoenix, AZ	City of Scottsdale and the City of Phoenix
October 5-6, 2003	Olympic Energy Expo Port Angeles, WA	Alternative Technologies Seminars
October 7-10, 2003	UPEX 2003: The Solar Power Experience Conference and Exhibition Scottsdale, AZ	Solar Electric Power Association and Salt River Project
October 12-15, 2003	GIN2003: Innovating for Sustainability San Francisco, CA	Greening of Industry Network
October 13-15, 2003	International Conference for Enhanced Building Operations Berkeley, CA	Energy Systems Laboratory
November 11-14, 2003	2003 Business for Social Responsibility Annual Conference: Building and Sustaining Solutions Los Angeles, CA	Business for Social Responsibility
December 9-11, 2003	Industrial Water Conference 2003 Las Vegas, NV	Industrial Water World

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